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THIRD ANGLE PROJECTION

SOLUTION

OF THE PROJECTION

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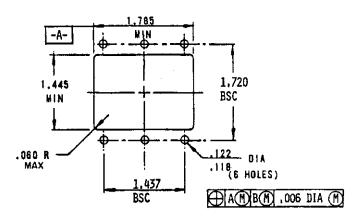
PROCUREMENT SPECIFICATION: MIL-C-81659

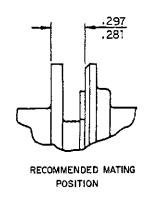


## AEROSPACE STANDARD

CONNECTORS, ELECTRICAL, RECTANGULAR, RECEPTACLE, CRIMP CONTACTS, (SINGLE INSERT, TYPE IV, CLASS 1, (-65°C TO +125°C), SERIES 2, SHELL DESIGNATOR A) **AS81659/66** SHEET 1 OF 4

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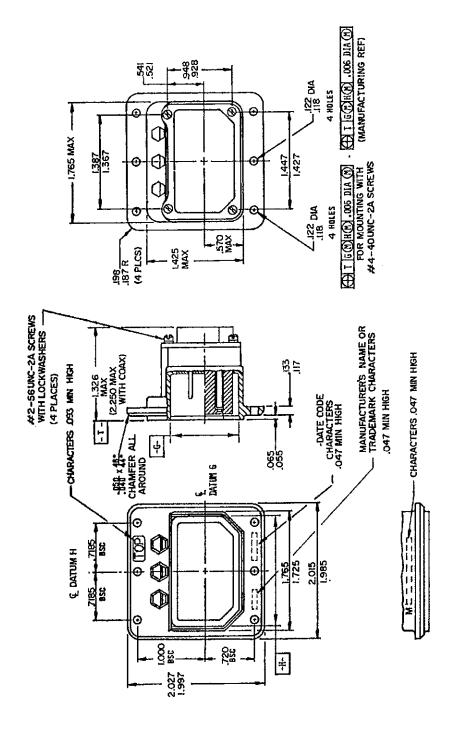
SUGGESTED PANEL CUT-OUT DIMENSIONS

INCHES	MM	INCHES	MM	INCHES	MM	INCHE	S MM	INCHES	MM
.006	.15	.118	3.00	.521	13.23	1.367	34.72	1.725	43.82
.040	1.02	.122	3.10	.541	13.74	1.387	35.23	1.765	44.83
.047	1.19	.133	3.38	.570	14.48	1.425	36.20	1.785	45.34
.050	1.27	.187	4.75	.7185	18.25	1.427	36.25	1.985	50.42
.055	1.40	.198	5.03	.720	18.29	1.437	36.50	1.997	50.72
.065	1.65	.281	7.14	1.000	25.40	1.445	36.70	2.015	51.18
.117	2.97	.297	7.54	1.326	33.68	1.447	36.75	2.027	51.49
								2.250	57.15

## NOTES:

- DIMENSIONS ARE IN INCHES.
- METRIC EQUIVALENTS (TO THE NEAREST .01 MM) ARE GIVEN FOR GENERAL INFORMATION ONLY AND ARE BASED UPON 1 INCH = 25.4 MM.
- DIMENSIONS APPLY AFTER PLATING.
- NORMAL (01) POLARIZATION POSITION SHOWN. FOR ALTERNATE POSITIONS SEE MIL-C-81659.
- FOR LOCATION OF DATUMS G AND H REFER TO MIL-C-81659, FIGURE 5.
- THIS CONNECTOR DOES NOT HAVE A WIRE SEALING GROMMET.

CONNECTORS, ELECTRICAL, RECTANGULAR, RECEPTACLE, CRIMP CONTACTS, (SINGLE INSERT, TYPE IV, CLASS 1, (-65°C TO +125°C), SERIES 2, SHELL DESIGNATOR A)





## **AEROSPACE STANDARD**

REQUIREMENTS:

INSERT ARRANGEMENTS SHALL BE IN ACCORDANCE WITH MS3157.

CONTACTS SHALL BE IN ACCORDANCE WITH MIL-C-39029/11 OR MIL-C-39029/12 AS APPLICABLE.

INSTALLING AND REMOVAL TOOLS SHALL BE IN ACCORDANCE WITH MS3156 OR MS3447.

